L Number	Hits	Search Text	DB	Time share
-	383	yamamoto.in. and ultrasonic.ti.	USPAT;	Time stamp 2003/08/01 14:39
			US-PGPUB;	2003/00/01 14:33
			EPO; JPO; DERWENT;	
			IBM TDB	
-	13	yamamoto.in. and ultrasonic.ti. and clean\$3	USPAT;	2003/08/04 11:26
}			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	11	ultrasonic.ti. and clean\$3 and (Nozzle spray) and row near12 (vibration transducer	USPAT;	2003/03/14 13:16
		ultrasonic)	US-PGPUB; EPO; JPO;	
			DERWENT;	
_	62	ultrasonic and clean\$3 and (Nozzle spray)	IBM_TDB	
	02	and row nearl2 (vibration transducer	USPAT; US-PGPUB;	2003/03/14 13:24
		ultrasonic)	EPO; JPO;	
			DERWENT;	
-	827	ultrasonic and (array row) near12 (vibration	IBM_TDB USPAT;	2003/03/14 13:28
		transducer ultrasonic) and clean\$3	US-PGPUB;	2003/03/14 13:28
			EPO; JPO;	
			DERWENT; IBM TDB	
-	449		USPAT;	2003/03/14 13:34
		transducer ultrasonic) and clean\$3 and	US-PGPUB;	
		transducer near2 array	EPO; JPO; DERWENT;	
			IBM TDB	
-	117	ultrasonic and (array row) near12 (vibration	USPAT;	2003/03/14 14:14
		transducer ultrasonic) and clean\$3 and transducer near2 array and offset	US-PGPUB;	
		eramodacer hearz array and orrsec	EPO; JPO; DERWENT;	
			IBM_TDB	
-	515	wafer and ultrasonic near12 nozzle	USPAT;	2003/03/14 14:16
			US-PGPUB; EPO; JPO;	
			DERWENT;	
-	10	ultrasonic and (array row) near12 (vibration	IBM_TDB USPAT;	2003/03/14 14:15
		transducer ultrasonic) and clean\$3 and	US-PGPUB;	2003/03/14 14:15
		transducer near2 array and offset and	EPO; JPO;	
		ultrasonic near12 nozzle	DERWENT; IBM TDB	
-	385	wafer and ultrasonic near12 nozzle and	USPAT;	2003/03/14 14:17
		clean\$3	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	141	<pre>wafer and ultrasonic near12 nozzle and clean\$3 and array</pre>	USPAT;	2003/03/14 14:17
		cromps and array	US-PGPUB; EPO; JPO;	
			DERWENT;	
_	4	wafer and ultrasonic near12 nozzle and	IBM_TDB	0000/05/55
	4	clean\$3 and array near10 ultrasonic	USPAT; US-PGPUB;	2003/03/14 14:19
		•	EPO; JPO;	
			DERWENT;	
-	13	clean\$3 and (row array) near10 ultrasonic	IBM_TDB USPAT;	2003/03/14 14:25
		near10 nozzle	US-PGPUB;	
	İ		EPO; JPO;	
			DERWENT; IBM TDB	
-	3595	ultrasonic near13 nozzle	USPAT;	2003/03/14 14:26
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	

	·			
-	1229	ultrasonic near13 nozzle and clean\$3	USPAT;	2003/03/14 14:26
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	7	array near3 ultrasonic near3 nozzle and clean\$3	USPAT;	2003/03/14 14:26
		Cleanys	US-PGPUB; EPO; JPO;	
			DERWENT;	
	8	200000000000000000000000000000000000000	IBM_TDB	
	•	array near3 ultrasonic near13 nozzle and clean\$3	USPAT; US-PGPUB;	2003/08/04 09:19
			EPO; JPO;	
:			DERWENT;	
-	0	134.\$.ccls. and ultrasonic near3 nozzle and	IBM_TDB	2002/02/14 14 05
		clean\$3	USPAT; US-PGPUB;	2003/03/14 14:27
			EPO; JPO;	
			DERWENT;	
-	0	134.\$.ccls. and ultrasonic near3 nozzle	IBM_TDB USPAT;	2003/03/14 14:28
		land and the state of the state	US-PGPUB;	2003/03/14 14:28
			EPO; JPO;	
			DERWENT;	
-	7	134/\$.ccls. and ultrasonic near3 nozzle	IBM_TDB USPAT;	2003/03/14 14:29
		near12 (plurality array row)	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
-	2	(("5964230") or ("6297308")).PN.	USPAT	2003/03/18 08:48
-	3	(("5964230") or ("6297308") or	USPAT	2003/03/18 10:42
-	2	("5685915")).PN. screw near2 fastener near3 ultrasonic	USPAT;	2002/02/10 10 42
		The state of the s	US-PGPUB;	2003/03/18 10:42
			EPO; JPO;	
			DERWENT;	
-	197	screw near2 fastener and ultrasonic	IBM_TDB USPAT;	2003/03/18 10:44
			US-PGPUB;	2000,000,20 20111
			EPO; JPO;	
			DERWENT; IBM TDB	
-	1	screw near2 fastener and ultrasonic near22	USPAT;	2003/03/18 11:10
		clean	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	3	(("4,890,567") or ("5368054") or ("5399017")).PN.	USPAT	2003/03/18 11:10
-	. 112	staggered near2 transducer	USPAT;	2003/08/01 14:39
			US-PGPUB;	2003/00/01 14:39
			EPO; JPO;	
			DERWENT; IBM TDB	
-	90	staggered near2 transducers	USPAT;	2003/08/01 14:48
			US-PGPUB;	,
			EPO; JPO;	
			DERWENT; IBM TDB	
-	9	staggered near2 transducers and clean\$3	USPAT;	2003/08/01 17:40
			US-PGPUB;	
			EPO; JPO; DERWENT;	
_			IBM_TDB	
-	0	<pre>stagger\$3 near12 ultrasonic near12 nozzle and clean\$3</pre>	USPAT;	2003/08/01 17:41
		and ordered	US-PGPUB; EPO; JPO;	
			DERWENT;	
	L		IBM_TDB	

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-	1	stagger\$3 near12 ultrasonic near12 nozzle	USPAT;	2003/08/01 17:41
			US-PGPUB;	, , ,
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	stagger\$3 near32 ultrasonic near32 nozzle	USPAT;	2003/08/01 17:42
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	stagger\$3 near32 transducer near32 nozzle	USPAT;	2003/08/01 17:44
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	120	stagger\$3 near32 transducer and array	USPAT;	2003/08/01 17:44
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
-	24	JJ + and array and	USPAT;	2003/08/04 12:13
		clean\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1		USPAT	2003/08/04 07:19
-	1		USPAT	2003/08/04 07:19
-	1		USPAT	2003/08/04 07:19
-	1		USPAT	2003/08/04 07:20
-	1		USPAT	2003/08/04 07:21
-	1		USPAT	2003/08/04 07:21
-	1		USPAT	2003/08/04 07:21
-	1		USPAT	2003/08/04 07:22
-	1		USPAT	2003/08/04 07:23
-	20	array near3 ultrasonic near13 nozzle	USPAT;	2003/08/04 12:15
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	10	JJ alla alla alla bonic with	USPAT;	2003/08/04 09:51
		nozzle	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
-	9	55 meals allay and attrabonic hearts	USPAT;	2003/08/04 09:54
1		nozzle	US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
		L	IBM_TDB	
-	19	staggered with array with (transducer	USPAT;	2003/08/04 11:36
		vibrator)	US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
	1		IBM_TDB	
-	1		USPAT	2003/08/04 11:32
-	1		USPAT	2003/08/04 11:32
-	1		USPAT	2003/08/04 11:32
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
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-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
-	1		USPAT	2003/08/04 11:33
1 -	1		USPAT	2003/08/04 11:33
-	1 1		USPAT	2003/08/04 11:33
			USPAT	2003/08/04 11:33

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1	-	1		USPAT	2003/08/04 11:33
1	-	L .			2003/08/04 11:34
1	-	4			2003/08/04 11:34
1	-				
1	1				2003/08/04 11:35
1	1	1			2003/08/04 11:35
105 staggered with array and (transducer vibrator) and clean\$3 USPAT, US-PGPUB; EPG, JPG, DERMENT; LBM TDB USPAT, US-PGPUB; EPG, JPG, DERMENT; LBM TDB USPAT, Vibrator) and clean\$3 and nozzle US-PGPUB; EPG, JPG, DERMENT; LBM TDB USPAT, Vibrator) and clean\$3 and (transducer vibrator) and clean\$3 and (spray nozzle) US-PGPUB; EPG, JPG, DERMENT; LBM TDB USPAT, US-PGPUB; EPG, JPG, DERMENT; LBM TDB USPAT; US-PGPUB; EPG, JPG, JPG, JPG, JPG, JPG, JPG, JPG, J	1_	1		ł .	
Vibrator and clean\$3	-	_	staggered with array and (transducer		
Staggered with array and (transducer vibrator) and clean\$3 and nozzle		103			2003/08/04 11:37
Staggered with array and (transducer vibrator) and clean\$3 and nozzle			Vibiatory and Creans		
Staggered with array and (transducer vibrator) and clean\$3 and nozzle Sep 3	1				
1				1	
Vibrator) and clean\$3 and nozzle	-	45	staggered with array and (transducer	_	2003/08/04 11.37
Staggered with array and (transducer vibrator) and clean\$3 and (spray nozzle) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; D			vibrator) and clean\$3 and nozzle	1	2003/00/04 11:37
Staggered with array and (transducer vibrator) and clean\$3 and (spray nozzle)					
Staggered with array and (transducer vibrator) and clean\$3 and (spray nozzle) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; D					
Staggered with array and (transducer vibrator) and clean\$3 and (spray nozzle)	i	1			
Vibrator) and clean\$3 and (spray nozzle)	-	53	staggered with array and (transducer	_	2003/08/04 11:42
Staggered with array and (transducer PEPC, JPC, DERNENT; IBM TDB USPAT; US-POPUB, EPC, JPC, JPC, JPC, JPC, JPC, JPC, JPC, J			vibrator) and clean\$3 and (spray nozzle)	US-PGPUB;	
105 staggered with array and (transducer USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; U				EPO; JPO;	
105 staggered with array and (transducer vibrator) and clean\$3 USPAT; US-POPUB; EPO; JPO; DERWENT; IEM_TDB USPAT;		1		DERWENT;	
Vibratory and clean\$3 US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-PGPUB; EPO; JPO; DERWENT; US-PGPUB;				IBM_TDB	
Vibrator) and clean\$3	-	105] 55		2003/08/04 11:42
Stagger\$3 near32 transducer and array and clean\$3 not ink			vibrator) and clean\$3	US-PGPUB;	
14 stagger\$3 near32 transducer and array and clean\$3 not ink Clean\$5 not ink Clean\$5 not ink Clean\$7 Clean\$7				EPO; JPO;	
14 stagger\$3 near32 transducer and array and clean\$3 not ink USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
Clean\$3 not ink		1			
Temperature February Februa	-	14	stagger\$3 near32 transducer and array and	1 '	2003/08/04 11:46
Stagger\$3 near32 transducer and (belt transport) not ink	1		clean\$3 not ink		
TBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;					
Stagger\$3 near32 transducer and (belt transport) not ink				1	
transport) not ink US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; J	_	16	stagger\$2 near22 transduger and /helt	_	2002/00/04 11 10
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO		1		1	2003/08/04 11:49
- 12 "4890567" DERMENT; IBM_TDB USPAT US			cransport, not ink	1	
TEM_TDB USPAT USPAT; USPAT; USPOUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPAT					
1					
- 28 "4890567"	-	1			2003/08/04 11:52
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWE	-	28	"4890567"		
- 4 (offset staggered) and "4890567" - 149 belt and clean\$3 and wafer and ultrasonic and array - 2 "6373955" - 76 transducer near3 array and 134/.ccls. - 12 stagger\$3 near3 (transducer array) and 134/.ccls. EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-				2003,00,01 11.50
- 4 (offset staggered) and "4890567" - 149 belt and clean\$3 and wafer and ultrasonic and array belt and clean\$3 and wafer and ultrasonic and array - 2 "6373955" - 76 transducer near3 array and 134/.ccls. - 12 stagger\$3 near3 (transducer array) and 134/.ccls. DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT;					
- 149 belt and clean\$3 and wafer and ultrasonic and array belt and crand ultrasonic and array USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				IBM TDB	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	4	(offset staggered) and "4890567"	USPAT;	2003/08/04 11:57
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
- 149 belt and clean\$3 and wafer and ultrasonic and array belt and clean\$3 and wafer and ultrasonic and array US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO;					
149 belt and clean\$3 and wafer and ultrasonic and array USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					
and array US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;		140	holt and alcanes and water and store '	_	
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	_	149			2003/08/04 11:58
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;]	una array		
TBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;]			
The stagger shape of transducer array and 134/.ccls. 2					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; ISM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	-	2	"6373955"		2003/08/04 12:12
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;			· · · ·		2003,00,04 12:13
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				,	
Tensducer near3 array and 134/.ccls. IBM_TDB	1				
Transducer near3 array and 134/.ccls. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IS4/.ccls. 2003/08/04 12:16					
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	76	transducer near3 array and 134/.ccls.		2003/08/04 12:16
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DEPO; DEFO; DEF]	- ·		, ,
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT; DERWENT; DERWENT; DERWENT;		1			
stagger\$3 near3 (transducer array) and USPAT; US-PGPUB; EPO; JPO; DERWENT;					
stagger\$3 near3 (transducer array) and USPAT; US-PGPUB; EPO; JPO; DERWENT;		į į			
134/.ccls. US-PGPUB; EPO; JPO; DERWENT;	-	12			2003/08/04 12:17
DERWENT;			134/.ccls.	US-PGPUB;	
IBM_TDB					
	L			IBM TDB	

-	19	stagger\$3 near13 (transducer array) and		
		134/.ccls.	USPAT;	2003/08/04 12:41
			US-PGPUB;	
			EPO; JPO;	1
			DERWENT;	
-	543	ultrasonic near2 nozzle and clean\$3	IBM_TDB	
		modern and creans3	USPAT;	2003/08/04 12:42
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-	66	ultrasonic near2 nozzle and clean\$3 and	IBM_TDB	
		(belt convey)	USPAT;	2003/08/04 12:43
		-1,	US-PGPUB;	, , , , , ,
			EPO; JPO;	
			DERWENT;	
	1	plural near3 ultrasonic near3 row	IBM_TDB	
	1 1	row dictasonic hears row	USPAT;	2003/08/04 15:28
			US-PGPUB;	1, 10, 01 15.26
			EPO; JPO;	
			DERWENT;	1
	1		IBM_TDB	
	1		USPAT	2003/08/04 16:00
	1		USPAT	2003/08/04 16:00
	1		USPAT	2003/08/04 16:00
	3	("3,640,295").PN.	USPAT	2003/08/04 16:03
		,,	USPAT;	2003/08/04 21:37
			US-PGPUB;	21:37
		•	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
	- 1	134/\$ ccls and where :	USPAT	2003/08/04 21:37
		134/\$.ccls. and ultrasonic near3 nozzle	USPAT;	2003/08/04 21:59
			US-PGPUB;	2003/00/04 21:59
			EPO; JPO;	1
			DERWENT;	
	<u> </u>		IBM TDB	

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